

# STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

July 22, 2013

Freeman School District Mr. Randy Russell 15001 South Jackson Road Rockford, WA 99030

Re: Groundwater Change Application No. G3-26807C

Dear Mr. Russell:

On July 22, 2013, you asked to withdraw the School District's change application number G3-26807C due to the poor performance of the test wells you had drilled.

In accordance with your request, your application is withdrawn.

If you have any questions, please contact me at 509 329-3480.

Sincerely,

Jeff MacLennan

Water Resources Program Eastern Regional Office

JM:ka

By Certified Mail 7011 3500 0001 8626 3559

U.S. Postal Service™ **CERTIFIED MAIL™ RECEIPT** (Domestic Mail Only; No Insurance Coverage Provided) 3559 For delivery information visit our website at www.usps.com 8626 \$ Postage Certified Fee 3500 0001 Return Receipt Fee (Endorsement Required) Here Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$ Sent To FREEMAN SCHOOL DISTRICT Street, Apt. No.; or PO Box No. MR. RANDY RUSSELL 15001 SOUTH JACKSON ROAD City, State, ZIP+4 ROCKFORD, WA 99030

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul> FREEMAN SCHOOL DISTRICT MR. RANDY RUSSELL	A. Signature  X
15001 SOUTH JACKSON ROAD ROCKFORD, WA 99030	3. Service Type  ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.  4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service   7011 3500 001	01 8626 3559 (11 1
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

The: Freeman School

District #358

Application #CG3-26807C

Cert# G3-26807C DE



STATE OF WASHINGTON
DEPARTMENT OF HEALTH

RECEIVED

DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

EASTERN DRINKING WATER REGIONAL OPERATIONS

16201 East Indiana Avenue, Suite 1500, Spokane Valley, Washington 99216-2830 TDD Relay 1-800-833-6388

June 24, 2013

Randy Russell, Superintendent Freeman School District #358 15001 S Jackson Road Rockford, WA 99030-9755

Subject:

Freeman School Dist No 358; PWS ID# 26460H; Spokane County

Air Stripper Installation; DOH Project #13-0606; APPROVAL

Dear Mr. Russell:

The revised plans and specifications and engineering report for the above project received in this office June 20, 2013, have been reviewed and, in accordance with the provisions of WAC 246-290, are hereby APPROVED.

As required in WAC 246-290-040 – Within sixty days following the completion of, and prior to the use of, the above project or portions thereof, the attached Construction Report must be completed by a professional engineer and returned to this department.

WAC 246-290-120 provides if the certification of completion has not been submitted within two years of the date of this letter, this approval will become null and void unless you take action at that time to arrange for an extension of the approval period in the manner prescribed.

In addition, you are required to submit a revised Water Facilities Inventory (WFI) at the time of certification in order that this new treatment system may be properly listed on your WFI.

WAC 246-290-990 authorizes a schedule of fees to be implemented for review of planning, engineering, and construction documents. The Department of Health's (DOH) total cost to review the engineering report and plans and specifications is \$2840.00. The Office of Drinking Water has used state and federal funds to pay \$1420.00 of this amount. An invoice showing the remaining amount due of \$1420.00 is enclosed.

Based upon the information submitted, upon receipt of the completed construction completion report form (see enclosed) the number of approved connections will remain as currently specified.

(P)

Randy Russell June 24, 2013 Page 2

If you have any questions please feel free to contact me at (509) 329-2123.

Sincerely,

Ed Parry, PE

Regional Engineer

Office of Drinking Water

Division of Environmental Public Health

Enclosures:

Invoice

Construction Completion Report

cc:

Spokane Regional Health District

Ken Geibel, PE

Department of Ecology, ERO

George Simon, DOH Compliance Program Manager Bryony Stasney, DOH Water Quality Administrator

Katrina Anderson, DOH WFI Coordinator



# STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

May 1, 2013

Mr. Randy Russell Freeman School District 358 15001 South Jackson Road Rockford, Washington 99030



Re:

Application for Change under Ground Water Certificate No. G3-26807C

WRIA 56 - Spokane County

Dear Mr. Russell:

We have received the Affidavit of Publication of notice in connection with the above-numbered application on April 26, 2013.

The water codes require that we take no action on the application until after the expiration of a thirty-day period from the last date of publication. This time period allows concerned citizens to file any protests or objections to your proposed water use.

You will be notified when an examination of your application will be made. Please be advised that you are required to obtain authorizations before you can begin using the water applied for under this application. Please note that no construction or water use should begin before a water right authorization is obtained.

If you have any questions with regards to this letter you may contact me at 509-329-3585.

Sincerely,

Karen Tusa

Water Resources Program

Eastern Regional Office

KT:md



DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

#### SUPERIOR COURT OF WASHINGTON FOR SPOKANE COUNTY

AFFIDAVIT OF PUBLICATION

FREEMAN SCHOOL DISTRICT

STATE OF WASHINGTON
DEPT. OF ECOLOGY
WATER RIGHT UNDER ONE GROUND
WATER CERTIFICATE

STATE OF WASHINGTON

PUBLIC NOTICE \$166.88

HARLAN SHELLABARGER, being first duly sworn on oath deposes and says that he is the <u>PUBLISHER</u>, of the Cheney Free Press, a weekly newspaper. That said newspaper is a legal newspaper and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continually as a weekly newspaper in Spokane County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of said newspaper, which said newspaper had been approved as a legal newspaper by order of the Superior Court of the State of Washington in and for Spokane County. That the following is a true copy of a <u>Public Notice</u> as it was published in regular issues commencing on the <u>18th day of April, 2013</u>, and ending on the <u>25th day of April, 2013</u>, both dates inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period:

 $SUBSCRIBED \ and \ SWORN \ to \ before \ me$ 

this 25th day of April, 2013.

State of Washington County of Spokane

Title: Notary Public

My appointment expires 6/20/14

STATE OF WASHINGTON **DEPARTMENT OF ECOLOGY** NOTICE OF APPLICATION FOR CHANGE/TRANSFER OF WATER RIGHT UNDER ONE (1) GROUND WATER

That Freeman School District 358 of Rockford, WA, has made application for change/transfer of water right in order to add a point of withdrawal & change the place of use as granted under Ground Water Certificate No.

That Certificate No. G3-26807C authorizes the withdrawal of 55 gallons per minute, 88 acre-feet per year for continuous group domestic supply & seasonal ir-

That the authorized point of withdrawal is a well located within the SW14NW14 of Sec. 1, T. 23 N., R.

That the authorized place of use is the E1/2 of Government Lot 1 and N1/2SE1/4NE1/4 of Sec. 2, T. 23 N., R. 44 E.W.M. and Lots 1-6, Block 8 and Lots 1-6, Block 9,

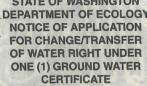
That they propose to add a point of withdrawal to be located within the NE14NE14 of Sec.2, T. 23 N.,

That they propose to change the place of use to an area laying within the E1/2 E1/2 of Section 2 and the W1/2NW1/4 of Section 1, T. 23 N., R. 44 E.W.M. A more detailed legal description of the proposed place of use is available at the Dept. of Ecology, Spokane office.

This application has been approved for priority processing

Protests or objections to approval of this application must include a detailed statement of the basis for objections; protests must be accompanied by a fifty-(\$50.00) dollar recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from April

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY WATER RESOURCES PRO-GRAM - ERO PO BOX 47611 OLYMPIA, WA 98504-7611 April 18 and 25, 2013



TAKE NOTICE: G3-26807C. rigation of 10 acres. 44 E.W.M. First Addition to Freeman. R. 44 E.W.M.

All within Spokane County, Washington. under WAC 173-152-050.

25, 2013.



DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

AFF. OK: AFF. EXP.: May

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partment of Ecology ond Copy — Owner's Copy rd Copy — Driller's Copy STATE OF	WASHINGTON Permit No		
) OWNER: Name Freeman School Dist. # 3		015	
LOCATION OF WELL: county Spokane			LAP
Ig and distance from section or subdivision corner ½ mile S	outh of Hiway 27 on Jackson Rd	3	
	(10) THEFT TOC.	-	14
PROPOSED USE: Domestic □ Industrial □ Municipal □  Irrigation □ Test Well □ Other □		and stru	cture and
Irrigation ☐ Test Well ☐ Other ☐	Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character.	he mater	ial in each
) TYPE OF WORK: Owner's number of well (if more than one)		FROM	TO
New well Method: Dug Dered D	overhirden	0	5
Deepened ☐ Cable ☐ Driven ☐  Reconditioned ☐ Rotary ② Jetted ☐			
	clay brown, vellow		
Drilled 215 ft Depth of completed well 215 ft	white black	5	51
Drilled		E 4	105
) CONSTRUCTION DETAILS:	grey basalt med hard	51	103
Casing installed: 6 "Diam. from 0 ft. to 52 ft			
Threaded Diam. from ft. to ft.	hluo hagalt hard	105	175
Welded 🛛 Time from ft. to ft.	- Dide hagart Hair	102	110
Perforations: Yes   No G.	grey basalt	175	180
Type of perforator used		-	
SIZE of perforations in. by in	nagali, ghalleren		
perforations from ft. to ft		180	195
perforations from ft. to ft.			
Caracando	quartite gravel	195	197
Screens: Yes □ No ⊠  Manufacturer's Name	(water bearing)	407	215
Type Model No		197	21)
Diam			
Diam. Slot size from ft. to ft.			
Gravel packed: Yes   No K Size of gravel:			
Gravel placed from ft. to ft.			
Surface seal: Yes No   To what depth?			
Material used in seal bentonite	DECL		
Did any strata contain unusable water? Yes [] No			
Type of water?	JAN 1 5 1004		
	DCD41220 (38)		
) PUMP: Manufacturer's Name	SPOYANT OF TOUR		
Туре:	SPOXANE REGIONAL OFFICE		
) WATER LEVELS: Land-surface elevation above mean sea level. 2425 ft			
tic level 132 in ROE tt. below top of well Date 6-30-8			
tesian pressure	"		
(Cap, valve, etc.)			
) WELL TESTS: Drawdown is amount water level is lowered below static level	work started June 26 19 80 completed June	e 30	80
s a pump test made? Yes No X If yes, by whom?	Work started, 19 Completed		, 19
eld: gal./min. with ft. drawdown after hrs	WELL DRILLER'S STATEMENT:		
" " "	This well was drilled under my jurisdiction a	nd this	report is
	true to the best of my knowledge and belief.		
covery data (time taken as zero when pump turned off) (water leve measured from well top to water level)	NAME Acme Drilling Co. Inc.		
Time Water Level Time Water Level Time Water Level		ype or p	rint)
	Address Rt. 1 Box 185 Deer Park,	Wn.	990
	7		
Date of test	[Signed] Kan & Kanada	1 .	
NorRest 50 gal./min. with ft. drawdown after 3 hrs	[Signed] Well Driller)	<i> </i>	
esian flowg.p.m. Date	License No0712 Date June	30	80
was a chemical analysis made? res   No	License No		, 19
1/15/81 MISE ADDITIONAL	SHEETS IF NECESSARY)		

File Original and First Copy with Department of Ecology

# WATER WELL REPORT No Fect Valueation No

Second Copy — Owner's Copy Phird Copy — Driller's Copy	STATE OF V	ASHINGTON Permit No		
(1) OWNER: Name FREEMAN	SCHOOL	Address FREEMAN WA.		
(2) LOCATION OF WELL: County		- NE W NE W Sec 2		14 WM
ing and distance from section or subdivisio	n corner &MI Sa.	JACKSON & STOUGHTON ROS. 2	3	
(v) PROPOSED USE: Domestic [] I	ndustrial   Municipal	(10) WELL LOG:		
Irrigation []	Test Well   Other	Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of stratum penetrated, with at least one entry for each continuous control of the control of	l and stru	cture, and al in each formation
(4) TYPE OF WORK: Owner's number (if more than o	r of well	MATERIAL	FROM	то
	nod: Dug   Bored	Cleaned arout send	127	253
Deepened  Reconditioned	Cable Driven Driven Rotary Jetted	that appared to be decomposed		
	,	granit that had fallen apart		
(5) DIMENSIONS: Diameter of Drilled 256 rt. Depth of comp.	well inches.	of water with large white		
		of weath with large wants		
(6) CONSTRUCTION DETAILS:	AUDEDINION		<del> </del>	
Casing installed O' Diam. Iron	t. to			
	ft. to ft.			
Welded   Diam. from	1 ft. to ft.			
Perforations: Yes D No				
Type of perforator used				
SIZE of perforations from perforations from				
perforations from				-
perforations from	ft. to ft.			-
Screens: Yes   No				
Manufacturer's Name				
Туре				
Diam. Slot size from				
	se of gravel:			
Gravel placed from	. ft. to ft.			
Surface seal: Yes   No   To w	hat depth? ft.			
Material used in seal				1
Type of water? Dep	A STORES OF THE			<del>                                     </del>
Method of sealing strata off				
(7) PUMP: Manufacturer's Name				
Type:				
(8) WATER LEVELS: Land-surface	elevation 2550			
above mean a	4 . 4			
Static level 99 of the below top of Artesian pressure 10s. per square	well Date 4-17-73			
Artesian water is controlled by	(Cap. valve, etc.)			-
(9) WELL TESTS: Drawdown is a lowered below	mount water level is static level	Work started Completed Completed		19
Was a pump test made? Yes No If yes,		WELL DRILLER'S STATEMENT:		
Yield: gal./min. with ft. dra	wdown after hrs.			
и и	P1 19	This well was drilled under my jurisdiction true to the best of my knowledge and belief.	and this	report is
Recovery data (time taken as zero when pum measured from well top to water level)	p turned off) (water lavel	1	<u> </u>	
measured from well top to water level)  Time Water Level Time Water Leve	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NAME ACME URILLING	Co Type or p	rint)
		Address Box 765- Rt3 Snake	me L	ل-د.
		0.00	4	,
,a _/ test		[Signed] Unuil a. Dena	nde	V
test 10 gal/min. with 110 ft. di		(Well Driller)		
Artesian flow	talysis made? Yes 🗍 No 📝	License No. 223 - 62 - 6400 Date 8 - 3	20	197.3
I A	5 1/1	= 033-	F-	,
1/17	1711	-073-		

Well Log Data and Informationare 'As Is' with NO Warranty. Wall Log ID: 152822 (page 8 of 16)

(1) OWNER: Name FREMAN SCHOOL DISTRICT #3  (2) LOCATION OF WELL: County Spokane searing and distance from section or subdivision corner  (3) PROPOSED USE: Domestic   Industrial   Municipal School District   Irrigation   Test Well   Other    (4) TYPE OF WORK: Owner's number of well (if more than one)   New Well   Method: Dug   Bored   Deepened   Cable   Drive    (5) DIMENSIONS: Diameter of well   Some   Deep   Deep   Deep   Deep   Deep    (6) CONSTRUCTION DETAILS: Casing installed: One   Diam. from   1	ile Or epart econd hird C	riginal and First tment of Ecolog d Copy — Owne Copy — Driller	st Copy wit gy er's Copy 's Copy	h		WAT	ER	
Carring and distance from section or subdivision corner	1) (	OWNER:	Vame	REEMAN S	SCHOOL	DISTRI	CT #3	158
School District	2) I	LOCATION				The state of the s		
A TYPE OF WORK: Owner's number of well (if mare than one)	earin	ng and distance	e from sect	ion or subd	livision co	orner		_
A) TYPE OF WORK: Owner's number of well (if more than one)					1			al 🔲
New well   Method: Dug   Bored   Deepened   Reconditioned   Rotary   Jetted   Driver   Reconditioned   Rotary   Jetted   Driver   Rotary   Jetted   Driver   Rotary   Jetted								
Drilled   375	4) 1	TYPE OF	New we Deepene	(if more t	han one).	Dug 🗆	Bore	i 🗆
Casing installed: 6 "Diam. from 11 ft. to 62  Threaded   "Diam. from ft. to Welded   "Diam. from ft. to   Diam. from ft. to   Diam. from ft. to   Diam. from ft. to   Diam. Slot size from ft. to	5) I	DIMENSIO Drilled 375	NS:	Diame Depth of	ter of we	11 6 1 well 37	inc	ches. ft.
Threaded	6) (	CONSTRUC	CTION	DETAILS	3:			
Perforations: Yes □ No ▼ Type of perforator used  SIZE of perforations in. by  perforations from ft. to  Screens: Yes □ No ▼  Manufacturer's Name  Type Model No  Diam Slot size from ft. to  Diam Slot size from ft. to  Gravel packed: Yes □ No ▼ Size of gravel:  Gravel placed from ft. to  Surface seal: Yes ▼ No □ To what depth?  Material used in seal Bentinite  Did any strata contain unusable water? Yes □ No  Type of water? Depth of strata  Method of sealing strata off  (7) PUMP: Manufacturer's Name  Type: HP  (8) WATER LEVELS: Land-surface elevation above mean sea level. Artesian pressure lbs. per square inch Date  Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level  Drawdown after 1  " " " " "	(	Casing inst	alled:	6 " Diam	. from	+1 ft. to	62:	ft.
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Manufacturer's Name  Type								
Diam. Slot size from ft. to Diam. Slot size from ft. to  Gravel packed: Yes \( \) No \( \) Size of gravel:  Gravel placed from ft. to  Surface seal: Yes \( \) No \( \) To what depth?  Material used in seal Bentinite  Did any strata contain unusable water? Yes \( \) No \( \) Type of water?  Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type: H.P.  (8) WATER LEVELS: Land-surface elevation above mean sea level.  Static level 43 ft. below top of well Date Artesian pressure lbs. per square inch Date Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level Driller No \( \) If yes, by whom? Driller Yield: 10 gal./min. with 132 ft. drawdown after 1	5						***********	
Gravel packed: Yes  No Size of gravel:  Gravel placed from ft. to  Surface seal: Yes No To what depth?  Material used in seal Bentinite  Did any strata contain unusable water? Yes No Yes No Yes Of Water?  Method of sealing strata off.  (7) PUMP: Manufacturer's Name  Type: H.P.  (8) WATER LEVELS: Land-surface elevation above mean sea level.  Artesian pressure John per square inch Date  Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level Driller Yield: 10 gal./min. with 132 ft. drawdown after 1								
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Surface seal: Yes No To what depth?  Material used in seal Bentinite  Did any strata contain unusable water? Yes No No Depth of strata Method of sealing strata off.  (7) PUMP: Manufacturer's Name  Type: HP  (8) WATER LEVELS: Land-surface elevation above mean sea level 25/15/7  Artesian pressure lbs. per square inch Date Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level Driller Yield: 10 gal./min. with 132 ft. drawdown after 1	1	Gravel pac	ked: Yes	□ № Д	Size o	f gravel:		e+
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Method of sealing strata off	)	Material Did any	used in se strata con	al B <b>ent</b> Itain unusa	<b>inite</b>	? Yes	] ]	Vo Z
(7) PUMP: Manufacturer's Name								
Type:  (8) WATER LEVELS:  Land-surface elevation above mean sea level  Static level 43  Artesian pressure lbs. per square inch Date.  Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS:  Was a controlled by the properties of th	7) 1	DIVIOR.						
(8) WATER LEVELS:  Static level 43  Artesian pressure lbs. per square inch Date  Artesian water is controlled by (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level Driller  Was a propertiest made? Yes 7  No 1 If yes, by whom?  Yield: 10 gal/min. with 132 ft. drawdown after	<i>()</i> I		nufacturer'			9000		
(9) WELL TESTS:  Drawdown is amount water level is lowered below static level No   If yes, by whom?  Yield: 10 gal./min. with  ""  It drawdown after  ""	tatic	WATER LI level 43		above m ft. below lbs. per s	top of we square inc	evel	5 (0) 115/	う 73 <sup>t</sup>
Was a manufest made? Yes No   If yes, by whom?   SP11161 Yield: 10   gal./min. with 132   ft. drawdown after 1   " "		Artesian	water is c	ontroned by		Cap, valve,	etc.)	
n n n		air					1110	r
		10 gal.		132 f		wn after	1	hrs.
								"
Recovery data (time taken as zero when pump turned off) (water le measured from well top to water level)  Time Water Level   Ti			1		1			

WATER	W	ELL	REPORT
STATE	OF	WASE	INGTON

....ft. drawdown after.

...g.p.m. Date.

Freeman,	Washington	9901	15		
ON		Permit	No.		
PORT		Арриса	шоп	NO.	

pokana	SW ¼ NW ¼ Sec 1 T 2	5 N, R. 4	4B <sub>W.M.</sub>
☐ Municipal ☐	(10) WELL LOG:		
	Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nuture of t stratum penetrated, with at least one entry for each cl	and struct he material lange of fo	ure, and in each rmation.
	MATERIAL	FROM	TO
□ Bored □	op soil, grown, silty	01	21
e [] Duven []	kay, tan, hard	21	14 *
	llay, moist, tan	141	231
6	uartz, heav fract	231	271
	asalt, decom, brown & green-black la		291
	Basalt, decom, mined w/gray clay, mois		391
-	asalt, heav fract, brown, fairly hrd	391	44 1
	Basalt, fract, brown-blank, med hrd	441	481
4 40 44	Basalt, fract, blok, m hrd, water 2GFM	48*	55*
IL. to Ib.		55*	591
	Sasalt, heav fract, black, soft	591	981
	Basalt, occas fract, gray-blok, hard Basalt, fract, black, med hrd	981	111
		111'	123
4- 44	Shale, tank green, firm		
to ft.	mle, olive green, firm	123'	125*
	Besalt, brown, fairly hard	125	137'
	lay, brown, firm	137'	1681
	Baselt, fract, blok, m hrd, water 3GPM	1681	180
	Basalt, occas fract, blck, hard	1801	188
ft. to ft.	Basalt, heav fract, brn, m hrd, Wat.5GF	M 188'	194
ft. to ft.	Shale, brown, firm	194	201'
	lay.moist.rusty brown	201'	222'
	lay, moist, white	211:	2141
	Clay, moist, brown	214	218
	lay, moist, dark gray	218	225
f Ly.	lay, moist, brown	223	234
	lay, moist, redish-orange	234	241'
	Clay, moist, tan	241	259*
	Quartz, purple & white, soft	2591	263
	Franite, heav fract, med hrd	263	270
	Franite, occas fract, med hrd	270	2861
	ranite, heav fract, heavily white	2.0	200
10/15/73	quartz content, med hard	286	3281
10/15/73	Clay, moist, white, w/small layers of	200	
te	white quartz sand	328	343*
valve, etc.)	Quartz, fract, white, w/mica flakes,	UZO	010
arve, etc.)	med hard	343	349
ter level is	Work startedOct	348	375
		t-15	, 19.7.7
ter 1 hrs.	WELL DRILLER'S STATEMENT:		
, ,,	This well was drilled under my jurisdiction a	nd this re	eport is
17	true to the best of my knowledge and belief.		oport an
off) (water level			
Water Level	NAME ZINKGRAF WELL DRILLING C	OMPANY	
wer aguer	(Person, firm, or corporation) (1	ype or pri	nt)
	Address E. 1606 Sharp, Spokane, Was	h 0090	19
		MARYEL	
	100	1	
afterhrs.	[Signed] James Julian (Well Driller)	ب	
7	Jen Dines		
de? Yes 🗆 No 🋣	License No. 544 Date Oct.	17	1973
AA			
ADDITIONAL SHE	ETS IF NECESSARY)		

Artesian flow....

#### Stoffel, Keith L. (ECY)

From:

Snouwaert, Elaine (ECY)

Sent:

Thursday, April 18, 2013 10:29 AM

To:

Stoffel, Keith L. (ECY); Leinart, Phillip M. (ECY)

Subject:

FW: Freeman%20Focus.pdf - Adobe Acrobat Professional

Attachments:

Freeman%20Focus.pdf; 20130418094030256.pdf

#### Hi Keith and Phil,

I hear you are working with the Freeman School district on their well contamination. I wanted to make sure you were aware of some groundwater monitoring the Spokane Conservation District is doing in case it is of use to you. The attached scan (all the numbers) shows the well levels. The blue line with the big peaks and valleys is in Valleyford. Even though that's quite a ways from Freeman, the CD believes the declines correlate with the school's peak water use. Elaine

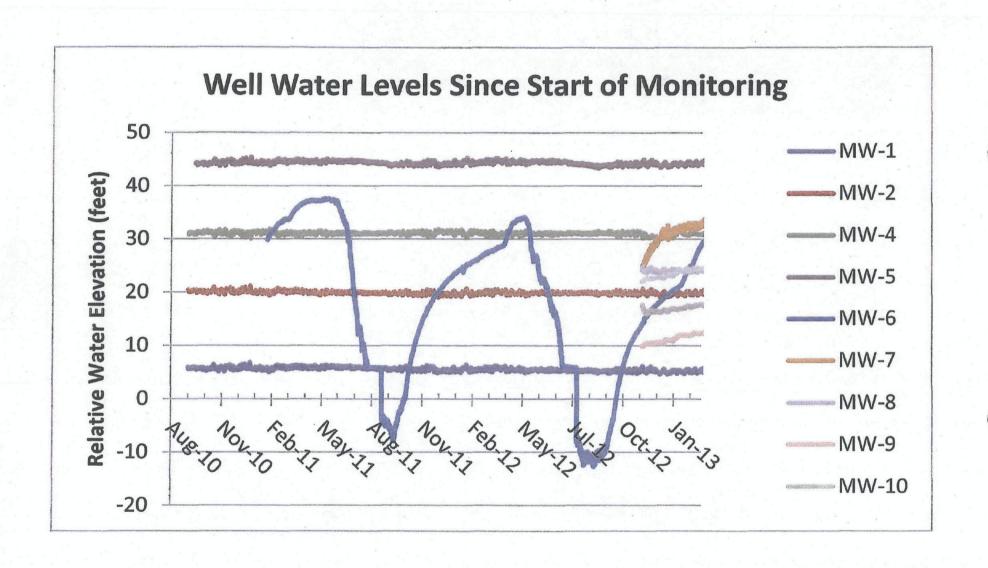
From: Greenlund, Doug [mailto:dgreenlund@spokanecity.org]

Sent: Wednesday, April 10, 2013 4:53 PM

To: Snouwaert, Elaine (ECY)

Subject: Freeman%20Focus.pdf - Adobe Acrobat Professional

This is an article from Freeman schools. It sounds like they have contacted Ecology. And it is carbon tetrachloride.



### FREEMAN FOCUS

### **Connecting with Our Community**

### October 2012



### Dear Freeman Community Members,

On behalf of the Freeman school board members, staff and students, we welcome you to the 2012-13 school year!

With pride, commitment and caring, Freeman provides a safe environment for students to experience meaningful, rigorous learning opportunities which allow them to dream and develop into capable, confident, and ethical members of the 21st Century.

We are proud to be the center of this unique, rural community and appreciate the partnership we share with the community members, our parents, and staff. Together we enjoy supporting approximately 835 Freeman students. This partnership is the key reason for the success of our school district and a huge part of why we are one of the best school districts in the state of Washington.

We encourage you to visit our website at www.freemansd.org for current

information and updates. Thank you for your continued support of public education and the students of the Freeman School District!

We look forward to a great 2012-13 school year!

Sincerely,

Randy L. Russell, Superintendent





FOR OUR STUDENTS'
SAFETY
PLEASE!!!
NO PARKING ON
JACKSON ROAD



### Freeman Well Project

As we finalize the details connected with our major construction projects – Freeman High School, Freeman Elementary School and the Palouse Regional Transportation Cooperative – we are turning our attention to our Freeman Well Project.

As many of you are aware, the Freeman School District operates a well on the south side of the campus as our source for drinking water. We monitor our well quarterly and complete a Water Quality Monitoring Report for several items as outlined by the state Department of Health. One item we monitor on a regular basis is carbon tetrachloride, a chemical associated with solvents and pesticides Our most recent samples were taken on June 2 and September 5 of 2012. Because the carbon tetrachloride levels are fluctuating -- we're seeing a range from undetectable to slightly above the limit set in drinking water standards -- the Department of Ecology recommends a formal site assessment to attempt to locate the source and extent of the carbon tetrachloride.

We are working closely with the state Office of Superintendent of Public Instruction, the Department of Health, and the Department of Ecology to develop a secondary water supply. The Department of Health has agreed to fund a \$30,000 feasibility study to help us determine the best path forward. Options could include drilling a new well if a suitable site can be found or treating the water from our existing well. We are working to pair this money with a \$100,000 grant we've received from the Office of Superintendent of Public Instruction to improve our water supply.

We're grateful for the financial and technical assistance the folks at the Office of Superintendent of Public Instruction, the Department of Health and the Department of Ecology are providing. We're even more grateful for your support for our campus expansion and renovation project, including the Freeman Well Project.

We'll continue to monitor the water, explore our water supply options, and keep you informed of new developments. If you have any questions, feel free to contact us at 291-3695.

### **Communication With Our Community**

The Freeman School District strives to ensure we are connected to our community. We have several communication tools available and we encourage you to use them to access information in the Freeman School District.

Freeman School District Website - www.freemansd.org

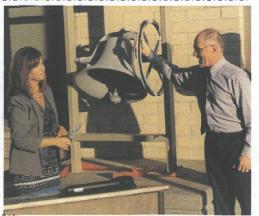
Freeman High School Friday Flyer – please contact Raelyn at 291-3721

The Bagpiper - www.freemansd.org

Freeman Elementary/Middle School Freeman Raiders Parent Flyer -

please contact Tawnya at 291-4791

<u>Freeman Instant Alert</u> – parents contact the building their student attends Freeman Reader Boards – on campus



### **Dedication Ceremony**

On August 27, the Freeman School District dedicated both the modernized Freeman Elementary School and new Palouse Regional Transportation Cooperative to the Freeman Community during our Open House and BBQ. We had a beautiful evening and a huge crowd on hand to see the culmination of a tremendous amount of hard work, support, and teamwork. We would like to thank our community, staff, and parents for your involvement in such a dynamic project to support our students!!!

#### **Board of Directors**

John Zingg

Dist 1 jzingg@freemansd.org

**Chad Goldsmith** 

Dist 2 cgoldsmith@freemansd.org

**Randy Primmer** 

Dist 3 rprimmer@freemansd.org

**Neil Fuchs** 

Dist 4 nfuchs@freemansd.org

Annie Keebler

Dist 5 akeebler@freemansd.org

### **Future Board Meeting Dates:**

Thursday, Oct. 11	6:00 pm
K-8 MPR	
Thursday, Oct. 25	6:00 pm
K-8 MPR	
Tuesday, Nov. 27	6:00 pm
K-8 MPR	
Thursday, Dec. 13	6:00 pm
K-8 MPR	

### **VETERANS' DAY PROGRAM**



**Inviting All Veterans** 

Friday Nov. 9th
Breakfast 8:15 am HS MPR

Program 9:00 am HS GYM

PLEASE JOIN US!!



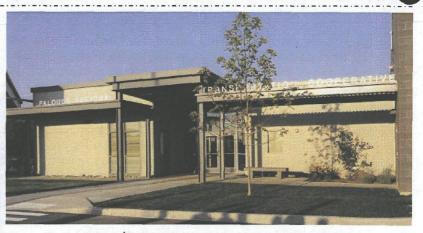
### **Professional Development/Late Start Days**

During the 2 hour late starts this school year, the Freeman School District's professional development focus is on two major initiatives – the Common Core State Standards and the Teacher Principal Evaluation Program. We will continue to discuss and explore options which increase staff and student achievement on the following 2 hour late start dates:

May 8

October 10 February 13
October 31 March 13
December 12 April 10

PACE character trait of the month: Responsibility



Keep Connected! www.freemansd.org





# STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

April 15, 2013

Mr. Randy Russell, Superintendent Freeman School District #358 15001 S. Jackson Road Rockford WA 99030

Dear Mr. Russell:

Re: TEMPORARY Authorization to add a point of withdrawal

(Spokane County WRIA 57).

An Application for Change to Ground Water Certificate No. G3-26807C has been filed with the Department of Ecology (Ecology). This application requests authorization to add one well and change the authorized place of use for this water right.

The Freeman School District (Water System #26460) has determined that the source water pumped from the well under the existing right does not meet drinking water standards. The applicant proposes to construct a new well. If the new well meets the applicant's domestic and irrigation needs as defined in G3-26807C, it will replace the original well. If the new well cannot produce enough water to meet the District's irrigation requirement, then the new well will be used for domestic purposes only. The original well will continue to provide irrigation under a separate system.

This application was approved for priority processing by Keith Stoffel, Section Manager for the Eastern Regional Office, in accordance with the public health and safety provisions in WAC 173-152-050.

#### Background.

The following water right is appurtenant to the Freeman School District water system:

Ground Water Certificate G3-26807C confirms a right of 55 gallons per minute, 88 acrefeet per year for continuous group domestic supply and for non –agricultural irrigation of 10 acres from April 1 to October 1. The authorized well is located 600 feet north and 300 feet east from the W¼ of Section 1, T. 23 N., R. 44 E.W.M. The authorized place of use is described as the E½ of government Lot 1 and the N½SE¼NE¼ of Section 2, and Lots 1-6, Block 8 and Lots 1-6, Block 9, First Addition to Freeman, Section 1, ALL IN T. 23 N., R. 44 E.W.M.

Mr. Randy Russell, Superintendent April 15, 2013 Page 2

Freeman School District's authorized well is 215 feet deep with the bottom 20 feet drilled through gravels.

### A Temporary Authorization to add a point of withdrawal is granted conditionally as follows:

The decision to expedite processing this application to add a well is based upon public health and safety concerns, and is authorized by WAC 173-152-050. This Temporary Authorization restricts the use to group domestic supply and non-agricultural irrigation purposes as described in Water Right Certificate G3-26807C. This authorization will remain in effect until a permanent decision can be issued on the application to change G3-26807C. A tentative determination as to the full extent and validity of this right has not been completed at this time and will be addressed in the permanent change decision.

This authorization allows the use of a well within the NE¼NE¼ of Section 2, T. 23 N., R. 44 E.W.M. for group domestic supply and non-agricultural irrigation of 10 acres.

#### **Provisions**

All wells constructed in the state must meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard must be decommissioned.

All wells must be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional Department of Ecology office issuing this decision. This tag must remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port as described in WAC 173-160-291(3) is required.

A well log of the completed well shall be submitted by the driller to the Department of Ecology within thirty (30) days of completion of this well. This well log shall be complete and all information concerning the static water level in the completed well shall be submitted. Also, any pump test data shall be submitted as it is obtained.

Mr. Randy Russell, Superintendent April 15, 2013 Page 3

This Temporary Authorization shall remain in effect until a decision is made on the change application for this water right. At such time, this Temporary Authorization shall be canceled.

Water supplied by the original well and the new well shall be metered separately. The delivery of water shall be metered weekly for instantaneous and cumulative quantities and submitted to Ecology upon request.

An approved measuring device shall be installed and maintained for each of the sources identified herein in accordance with the rule "Requirements for Measuring and Reporting Water Use", Chapter 173-173 WAC. Water use data shall be recorded weekly and maintained by the property owner for a minimum of five years, and <u>shall be promptly submitted to Ecology during development of this system. Each well shall be metered separately and reported during this Temporary Authorization.</u>

The rule above describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition Ecology for modifications to some of the requirements. Installation, operation and maintenance requirements are enclosed as a document entitled "Water Measurement Device Installation and Operation Requirements".

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the records of water use that are kept to meet the above conditions, and to inspect at reasonable times any measuring device used to meet the above conditions.

The Department may field-verify this temporary change at any time for compliance with the terms and/or conditions of this authorization.

Nothing in this authorization shall be construed as satisfying other applicable federal, state, or local statutes, ordinances or regulations.

You have a right to appeal this action to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this document. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do the following within 30 days of the date of receipt of this document:

File your appeal and a copy of this document with the PCHB (see addresses

Mr. Randy Russell, Superintendent April 15, 2013 Page 4

below). Filing means actual receipt by the PCHB during regular business hours.

• Serve a copy of your appeal and this document on Ecology in paper form - by mail or in person. (See addresses below.) Email is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel Road SW Suite 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

For additional information visit the Environmental Hearings Office Website: <a href="http://www.eho.wa.gov">http://www.eho.wa.gov</a>. To find laws and agency rules visit the Washington State Legislature Website: <a href="http://www1.leg.wa.gov/CodeReviser">http://www1.leg.wa.gov/CodeReviser</a>.

Sincerely.

Keith L. Stoffel Section Manager

Water Resources Program Eastern Regional Office

KLS:JM:ka

Enclosure: You Have a Right to Be Heard

By Certified Mail 7011 3500 0001 8626 2781

cc: Dorothy Tibbetts, Eastern Drinking Water Regional Operations

U.S. Postal Service™ CERTIFIED MAILTM RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) 2781 For delivery information visit our website at www.usps.com 9298 Postage **Certified Fee** 1000 Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) 3500 Total Postage & Fees \$ MR. RANDY RUSSELL, SUPERINTENDENT 7017 Stree FREEMAN SCHOOL DISTRICT #358 City, 15001 S. JACKSON ROAD **ROCKFORD WA 99030** 

SENDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature  A. Signature  A. Signature  A. Addressee  B. Received by (Printed Name)  D. Is delivery address different from item 1?  If YES, enter delivery address below:
MR. RANDY RUSSELL, SUPERINTENDENT FREEMAN SCHOOL DISTRICT #358 15001 S. JACKSON ROAD ROCKFORD WA 99030	3. Service Type  Certified Mail
2. Article Number 7011 3500	0001 8626 2781
PS Form 3811, February 2004 Domestic Re	102595-02-M-1540

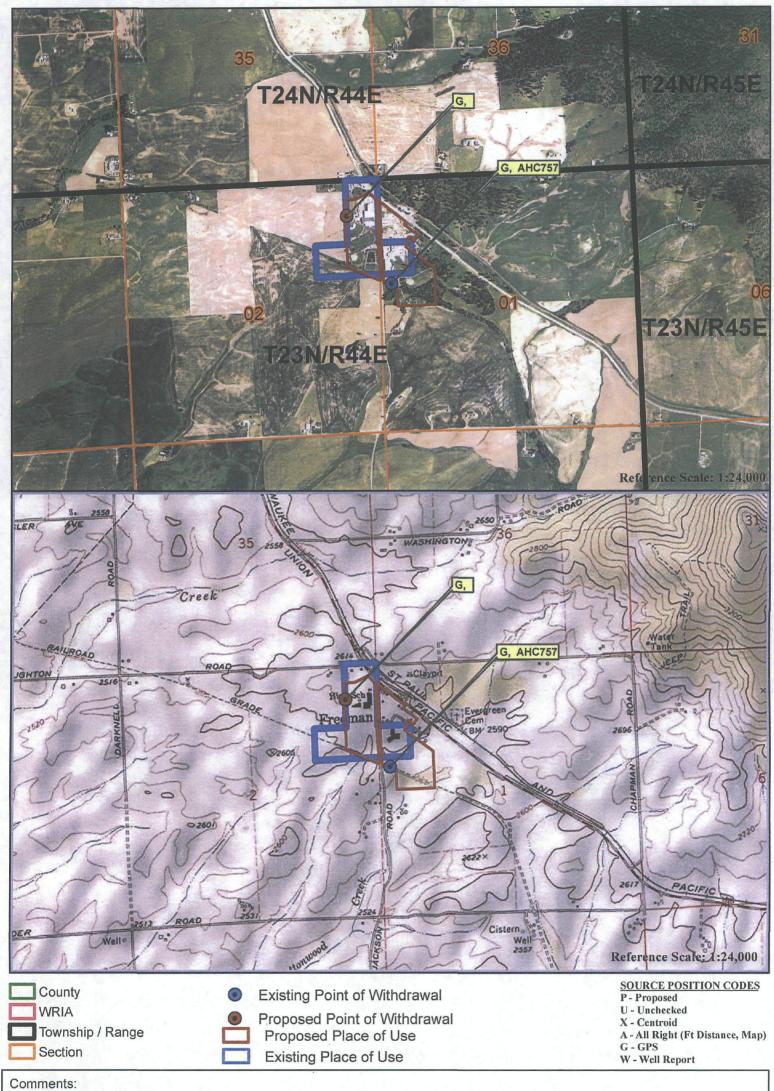


Randy Russell (Feeman School District 358) WRTS Doc # CG3-26807C T23N/R44E **WRIA 56** SPOKANE COUNTY





Map based on Application for a Change / Transfer of Water Right received 4/2/2013



POU delineated attachment provided

Manifest errors present within legal provided.

2011 Aerial Photo

Map DT: 4/15/2013

# **Site-Visit Notes**

CONTRACT LYDIX (DA)	MDV DUCCEL L	DITONIE 201 2005
CONTACT: KIRK (RA)	NDY RUSSELL)	PHONE: 291-3695
MAILING ADDRESS: 1	5001 SOUTH JACKSON ROA	AD
SITE ADDRESS:		
SITE ADDRESS:		
DURCE	PUBLIC WATERS TO BE APPROPRIAT	ED
	vell from Sec. 1 to Sec 2	
CRES	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE	MAXIMUM GALLONS PER MINUTE 55	88
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE 9 acre-feet per year, from Apr	maximum gallons per minute 55 ril 1 to October 1, each year, for the	
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE  9 acre-feet per year, from Ap	maximum gallons per minute 55 ril 1 to October 1, each year, for the usly, for group domestic supply.	non-agricultural irrigation of 10 acres
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE 9 acre-feet per year, from Ap. 9 acre-feet per year, continuo	maximum gallons per minute 55  ril 1 to October 1, each year, for the usly, for group domestic supply.  LOCATION OF DIVERSION/WITHDRAY	non-agricultural irrigation of 10 acres
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE 9 acre-feet per year, from Ap. 9 acre-feet per year, continuo	maximum gallons per minute 55  ril 1 to October 1, each year, for the usly, for group domestic supply.  LOCATION OF DIVERSION/WITHDRAY	non-agricultural irrigation of 10 acres
UANTITY, TYPE OF USE, PERIOD OF USE  9 acre-feet per year, from App  9 acre-feet per year, continuo  PPROXIMATE LOCATION OF DIVERSION  30.00  PPS location: N 47.5.  ROPOSED CHANGE:	MAXIMUM GALLONS PER MINUTE 55  ril 1 to October 1, each year, for the usly, for group domestic supply.  LOCATION OF DIVERSION/WITHDRAY -WITHDRAWAL 1527  W 117 . 11.687	non-agricultural irrigation of 10 acres
CRES  10  UANTITY, TYPE OF USE, PERIOD OF USE 9 acre-feet per year, from Ap. 9 acre-feet per year, continuo	MAXIMUM GALLONS PER MINUTE 55  ril 1 to October 1, each year, for the usly, for group domestic supply.  LOCATION OF DIVERSION/WITHDRAY -WITHDRAWAL 1527  W 117 . 11.687	non-agricultural irrigation of 10 acres
UANTITY, TYPE OF USE, PERIOD OF USE  9 acre-feet per year, from App  9 acre-feet per year, continuo  PPROXIMATE LOCATION OF DIVERSION  PPS location: N 47.5.  ROPOSED CHANGE:	maximum gallons per minute 55  ril 1 to October 1, each year, for the usly, for group domestic supply.  LOCATION OF DIVERSION/WITHDRAWAL  1527  W 117 . 11.687  17.19418°  1887  W 117 . 11.960	non-agricultural irrigation of 10 acres  WAL  Tag No.:

E½ of Gov Lot 1 and NSENE of Sec. 2, T. 23 N., R. 44 E.W.M. andLots 1-6, Block 8 and Lots 1-6, Block 9, First Addition to Freeman.

# **Site-Visit Notes**

SYSTEM:	USE DATA/OPERATING CHAI	RACTERISTICS:
Pressure Open Discharge	Static water level	_ feet below LSD
Pump discharge head pressure psi		
Discharge pipe diameter inches	feet below LSD	
No. of sprinklers	Number of acres developed	
Sprinkler make & model	Type of crop(s)	
Size nozzle openings	Number of domestic unit's	1 ,
Average pressure at sprinkler heads psi		
REMARKS:	$\sim$	
Approximately how many	staffe students? 1,000	
Meter data; no data		
& Current pump data?		
12 Plans for current well?		
& Bystem description (res	ervoirs, boosters, filtration/	treatment)
D What if new Well contamina	ted? Treat	
SKETCH:		
Moving a well:	- 1 1	
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2. Decommission origins 3. Combined output less to 4. Other existing rights	li well, or	
1. Committee output less to	not in over	
4.011.61	o the police	
3 Reservoirs, 100,00	oo gel each	
- No booster between	u well & reservoir	
- Not sive what will do u	original wall. Depo	ends on
production of new we	211.	



582 W. Hayden Avenue, Hayden Lake, ID 83835 (208) 772-4004 • Fax (208) 772-4892

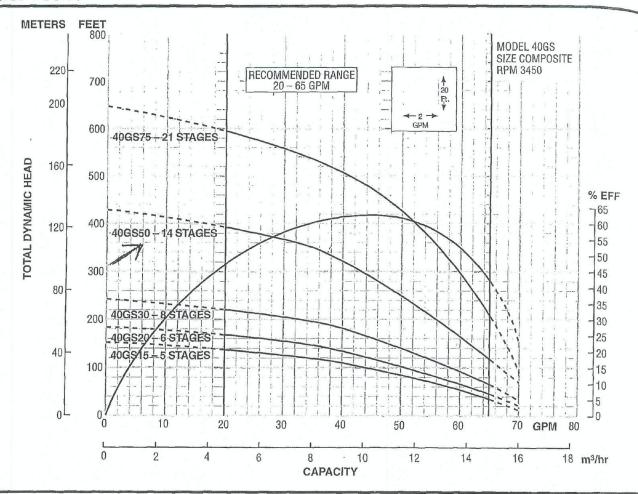
### **WORK ORDER**

WELL SERVICE, INC. KIRIC 509-342-1777

Date 2/25/09

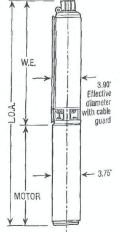
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R	's R	WEIL Pump	2			WELL	DEPTH 2001 C LEVEL [21 40G-S50		PUMPS	ETTING	1180	7'		
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200		#6 Plat jocket	-			SERVICE CHECKS								
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#### **DIMENSIONS AND WEIGHTS**

HP	Stages	W.E. Order No.	Motor . Order No.	PH	Motor Volts	Motor Length	W.E.① Length	L.O.A.@	W.E. and Motor Weight
1½	5	40GS15	S07940	1	230	13.6	13.0	26.6	35.5
			S07978		200	11.8	13.0	24.8	
			S07970	0	230				30.5
			S07975	3	460				
			S07979*		575				
			S08940	1	230	15.1	14.2	29.3	37.1
2	6	40GS20	S08978		200	13.6	14.2	27.8	
			S08970	0	230				35.1
			S08975	3	460				
			S08979		575				
		\$09940     1     230       \$09978     200       \$09970     230       \$09975     460       \$09979     575	23.5	16.6	40.1	61.4			
	8		S09978		200	20.6	16.6	37.2	
3			S09970	0	230				FO 4
			S09975	3	460				52.4
			809979		575				
			S10940	1	230	29.5	24.0	53.5	82.2
	14	40GS50	S10978		200	23.6	24.0	47.6	
5			S10970	0	230				66.2
			\$10975	3	460				
			S10979*		575				
		40GS75	S119784		200	29.6	34.0		
71/2	21		S119704	3	230			63.6	84.4
			S119754		460				





For complete pump, order water end and motor.

① W.E. = water end or pump without motor.

L.O.A. = length of assembly – complete pump – water end and motor.
 Non-stock motors have a 6 week lead time.

RECEIPT

**Department of Ecology (4610)** PO Box 47611 Olympia, WA 98504-7611 (360) 407-7095

Receipt Number Manual Receipt 13CJ016977

**Document Number** 

461R2709 CJ

04/05/2013 Date

FM 22

Remitter Name

FREEMAN SCHOOL DISTRICT NO 358

Receipt Name

Check/Draw Number

739

cument Amount

50.00 Check

Method of Payment **Comment Description** 

**WATER RIGHTS - ERO** 

REF DOC REF INV NR DOC

ID NR

SUB ID NR

T C R FUND MAJ MAG SUB SRC CNTY WORK PIC GRP SRC CLS

ORG PRJ SUB PRJ SUB PHS PRJ

SUB VAR SUB SID SUB SID ALLOC AMT OBJ SUB GL DR OBJ

SFX

001 001-02 85 000011 50.00





# STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

April 3, 2013

Mr. Randy Russell Freeman School District 358 15001 South Jackson Road Rockford, WA 99030



Dear Mr. Russell:

Re: Application for Change under Ground Water Certificate No. G3-26807C

WRIA 56 - Spokane County

We received your Application for Change, which has been approved for priority processing.

Your next step is to publish a legal notice. The notice announces your proposed water use to the public and allows interested persons to comment. We have prepared and enclosed this notice for you.

Review Legal Notice Carefully

It is your responsibility to check the notice carefully before having it published. If you find an error, please contact this office for resolution. If we later find an error in your public notice, you may be required to publish an amended notice at your expense.

#### Publishing Legal Notice

You need to arrange and pay for publishing the legal notice in a newspaper in Spokane County.

- Publish the notice in the Cheney Free Press.
- This newspaper has a general circulation in the area the water will be used and withdrawn.
- Ensure that the notice appears once a week for two consecutive weeks.

If your published notice does not meet the above criteria, you will be required to have the notice republished at your expense.

Publication should start within 30 days from the date of this letter.

Next Step

You must request an Affidavit of Publication from the newspaper in which your notice appeared. The affidavit must be an original, notarized copy of your published notice. Please forward it to our office as soon as possible.

If you have any questions, you may contact me at 329-3585.

Sincerely

Karen Tusa

Water Resources Program

Eastern Regional Office

KT:md

Enclosure:

Legal Notice



# NOTICE OF APPLICATION FOR CHANGE/TRANSFER OF WATER RIGHT UNDER ONE (1) GROUND WATER CERTIFICATE

#### TAKE NOTICE:

That Freeman School District 358 of Rockford, WA, has made application for change/transfer of water right in order to add a point of withdrawal & change the place of use as granted under Ground Water Certificate No. G3-26807C.

That Certificate No. G3-26807C authorizes the withdrawal of 55 gallons per minute, 88 acre-feet per year for continuous group domestic supply & seasonal irrigation of 10 acres.

That the authorized point of withdrawal is a well located within the SW¼NW¼ of Sec. 1, T. 23 N., R. 44 E.W.M.

That the authorized place of use is the E½ of Government Lot 1 and N½SE¼NE¾ of Sec. 2, T. 23 N., R. 44 E.W.M and Lots 1-6, Block 8 and Lots 1-6, Block 9, First Addition to Freeman.

That they propose to add a point of withdrawal to be located within the NE¼NE¼ of Sec. 2, T. 23 N., R. 44 E.W.M.

That they propose to change the place of use to an area laying within the E½E½ of Section 2 and the W½NW¼ of Section 1, T. 23 N., R. 44 E.W.M. A more detailed legal description of the proposed place of use is available at the Dept. of Ecology, Spokane office.

All within Spokane County, Washington.

This application has been approved for priority processing under WAC 173-152-050.

Protests or objections to approval of this application must include a detailed statement of the basis for objections; protests must be accompanied by a fifty-(\$50.00) dollar recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from

(Last date of publication to be entered above by publisher)

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY WATER RESOURCES PROGRAM - ERO PO BOX 47611 OLYMPIA, WA 98504-7611

NOTICE



### STATE OF WASHINGTON DEPARTMENT OF HEALTH

RECEIVED
MAR 29 2013

DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

EASTERN DRINKING WATER REGIONAL OPERATIONS

16201 East Indiana Avenue, Suite 1500, Spokane Valley, Washington 99216-2830 TDD Relay 1-800-833-6388

March 27, 2013

Keith Stoffel Department of Ecology Eastern Regional Office 4601 N Monroe St Spokane, WA 99205-1295

Subject:

Freeman School Dist #358; PWS ID #26460H; Spokane County

Application for Change/Transfer of Water Right

Carbon Tetrachloride Contamination at Freeman School Campus Well

Dear Keith:

The Eastern Regional Office of the Washington State Department of Health (DOH), Office of Drinking Water supports Freeman School District's request for Priority Processing noted in Block 6 of the attached Change Application.

#### **Economic Impact**

Freeman School District (District) faces a significant economic impact if their change request is delayed or denied. In order to use funding from the Office of the Superintendent of Public Instruction, the District must complete a new well not later than June 30, 2013. They have been very proactive in responding to elevated levels of Carbon Tetrachloride in their well. The District has completed a Feasibility Study indicating a new source as an option for addressing the Maximum Contaminant Level (MCL) Violation for Carbon Tetrachloride in the existing public drinking water source.

#### **Health Impact**

The District has seen somewhat elevated Carbon Tetrachloride levels in their well, and incurred this MCL violation in February, 2013. This well is the only currently-approved, active source for this system. The source serves the District schools and their transportation facility, all on the District campus south of SR-27 and South Jackson Road, in Spokane County. There are no other suitable public water systems within a feasible distance for consolidation.

Keith Stoffel March 27, 2013 Page 2

Thank you in advance for accepting the District's Priority Processing request. If you have any questions or need additional information, please feel free to contact me at (509) 329-2105 or via email at <u>Dorothy.Tibbetts@doh.wa.gov</u>.

Darothy Stephets

Dorothy Tibbetts, MS, MPH

Regional Manager, Eastern Drinking Water Operations

Office of Drinking Water

Division of Environmental Public Health

cc: Randy Russell, Freeman School District #358

Ken Geibel, PE, David Evans & Associates

Jon Rudders, L.Hg., GeoEngineers

Scott Black, Washington State Office of the Superintendent of Public Instruction

Denise Clifford, Director, Office of Drinking Water

Kitty Weisman, Source Water Protection Program Manager

Craig Riley, PE, ERO Assistant Regional Manager

Ed Parry, PE, ERO Regional Engineer

Bryony Stasney, L.Hg., ERO Source Water Quality Program Manager



## STATE OF WASHINGTON DEPARTMENT OF HEALTH

RECEIVED

DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

EASTERN DRINKING WATER REGIONAL OPERATIONS

16201 East Indiana Avenue, Suite 1500, Spokane Valley, Washington 99216-2830 TDD Relay 1-800-833-6388

March 26, 2013

Randy Russell, Superintendent Freeman School District 15001 South Jackson Road Rockford, WA 99030

Subject:

Freeman School District; PWS ID #26460H; Spokane County

New Well Site Inspection - March 20, 2013

#### Dear Randy:

After discussion with you and with Jon Rudders, L.Hg, (GeoEngineers), I conducted a well site inspection for this proposed well on March 20, 2012. I understand that Freeman School District (District) intends to develop a new well as a public water source. This is in response to carbon tetrachloride levels in the current source, which exceed the Maximum Contaminant Level allowed under the Safe Drinking Water Act. This is one of the options noted in GeoEngineers' Feasibility Study dated March 13, 2013.

In accordance with WAC 246-290-130 (4)(e), a representative of this office has inspected the proposed well site in the NE1/4 NE1/4, Section 2, T 23 N., R44E, W.M., near the westerly line of the Freeman School District property west of South Jackson Rd. The well site appears to be located in an area with some potential for surface contamination from agricultural activity on the adjacent parcel to the west. Other than the use of pesticides or herbicides, and some minor grading needs, the area of the future Sanitary Control Area did not present any visible items of concern. This well site is considered to be satisfactory, provided the District takes some precautions. As we discussed on site:

- The District will need to obtain and record a Restrictive Covenant from the adjacent property owner, to the extent that the Sanitary Control Area (SCA) extends onto that property
- The District will need to ensure that future development on its property near the well location minimizes the use of herbicides and pesticides, particularly within the SCA.

The District will also need to ensure that the wellhead development plans include grading to route surface runoff away from the wellhead.

Please note that final Source Approval will depend, in part, on the establishment of the SCA around the final well location.

Randy Russell March 25, 2013 Page 2

The proposed well site appears to be located on Tax Parcel #43021.9027, approximately 800 feet south-westerly of the intersection of SR 27 and South Jackson Road in Spokane County. The site sits roughly 45 feet east of the westerly parcel boundary and 45 feet north and westerly from each of two pine trees west of the western-most water storage tank at the High School building. Please see the attached map and the SCA exhibit from Ken Geibel, PE (David Evans & Associates). The well site appears to be located approximately 90 degrees westerly of the expected gradient of the carbon tetrachloride contamination impacting the existing well.

A primary objective of the site inspection is to ensure that the Sanitary Control Area is adequate. Drinking water regulations<sup>1</sup> require that the purveyor maintain an SCA around all sources, to protect them from existing and potential sources of contamination. Most of the well contaminants that commonly cause concern originate above ground, often as the result of human activities. Pesticides, fuels, and industrial chemicals are examples of pollutants that can contaminate a groundwater supply. The 100-foot radius around the wellhead is intended to add a physical layer of protection from contaminants in the immediate area of the wellhead. The regulation requires that activities that could contaminate the water source not be allowed in the SCA.

It appears that the SCA will overlap onto the adjacent parcel to the west. As the water system purveyor, the District is obliged to obtain and record a Restrictive Covenant from that property owner, prior to Department of Health (DOH) approval of the source for use as a public water supply. Ken Geibel has provided a draft which appears to contain language equivalent to the example in DOH Publication #331-48, *Covenants for public water supply protection* (at <a href="http://www.doh.wa.gov/portals/1/Documents/pubs/331-048.pdf">http://www.doh.wa.gov/portals/1/Documents/pubs/331-048.pdf</a>).

Going forward with the well construction and development, other purveyors have had good success with a project model that approaches the new source in a series of phases:

- Feasibility study (FS): Discusses issues and identifies options. Purveyor management selects the preferred option.
- Well Site inspection: DOH visits the proposed well site with the purveyor, evaluates for potential sources of contamination, and approves the proposed well site.
- Well Construction:
  - o Project Report (PR) references the FS for project need and selection criteria, discusses borehole construction specifications and configuration, well production testing procedures, and identifies initial water quality testing requirements.
  - o Construction Documents (CDs) include specification and a schematic of the expected well construction.
- Well Development/Integration:
  - PR references the FS for project need and selection criteria, discusses wellhead construction specifications and configuration, pump test data and pump sizing calculations, control system concept and control logic.
  - o CDs provide construction plans and specifications

<sup>&</sup>lt;sup>1</sup> WAC 246-290-135(2)(a)

Randy Russell March 25, 2013 Page 3

> Source Approval: Wraps up the Site Inspection, water quality testing, pump test data, Construction Completion Report, Susceptibility Assessment, and SCA covenants into one submittal.

This project model has helped to ensure that the proposed work meets DOH standards before the work occurs, and minimizes corrective action to meet DOH standards. We often see the Project Report and Construction Documents as a single submittal, particularly where there are time constraints. We understand the June 30, 2013, time constraint on the available funding from the Office of Superintendent of Public Instruction, and we would be glad to discuss details around this model with you and your consultants.

We are required to charge a fee<sup>2</sup> for this well site inspection. Based on the current Fee Schedule, we are enclosing our invoice in the amount of \$360.00, for the well site inspection.

I have enclosed copies of the well site inspection form, site photos, and the site map based on the aerial view in the Feasibility Study, and on an SCA exhibit provided by Ken Geibel, PE. Please feel free to call me at 329-2123, or Danielle Russell at 329-2136, with any questions regarding this inspection.

Sincerely,

Ed Parry, P.E.

Regional Engineer

Office of Drinking Water

Division of Environmental Public Health

Enclosures: Well Site Inspection Form

Site Map Photos Invoice

cc: Steve Holderby, Spokane Regional Health District

Keith Stoffel, Department of Ecology, Eastern Regional Office

Ken Geibel, PE, David Evans & Associates

Jon Rudders, L.Hg., GeoEngineers

Bryony Stasney, DOH-ERO Source Monitoring Program Danielle Russell, DOH-ERO Environmental Health Specialist Kitty Weisman, DOH Wellhead and Source Water Protection

<sup>2</sup> WAC 246-290-990